

General information

Part number	S31F1C-P06MFG0-7000
Termination	solder
Size	1
Locking principle	push
Coding	1_halfshell
Cable Diameter	cable_mini_70
Cable outlet	standard



Illustrations may differ from original product.  
Dimensions, unless otherwise specified, in mm.

**CODING:** 1

**POSITIONS:** 6 positions

**DIMENSIONS:**

The pin layout corresponds to the view on the termination area

Contact insert description

Number of contacts	6
Contact type	pins
Contact diameter	07mm
Insulator material	peek
Wire cross section	22_awg
Termination	solder
Termination diameter	085mm

reverse\_gender\_on\_request

Technical information

Max. creepage and air clearance distance	06_mm	08_mm
Nominal current single contact	075_a	iec_60512_5_2
Nominal current insert	5,625 A	vde_0298_4
Test voltage	1_kv_ac	sae_13441

safety\_text

## Mechanical and environmental data

Degree of protection*	ip68
-----------------------	------

Operating temperature	40_120_c
-----------------------	----------

Mating cycles	5000
---------------	------

mated

## Material and surface treatments

Housing	m_chrome
---------	----------

Contact	cu_alloy_gold
---------	---------------

safety\_text\_2

ul\_text

illustrative\_text